INDEX TO VOLUME XIV.

NOTE. — New names of genera, species, and subspecies are printed in heavy-faced type.

ABIA, 39, 41, 42.
Acanthis linaria, 177, 219.
linaria holbœlli, 219.
linaria rostrata, 219.
Accipiter atricapillus, 216, 317, 352.
velox, 173, 352.
Actitis, 133.
macularia, 204, 288, 351, 367.
Æchmophorus occidentalis, 171, 349.
Ægialitis collaris, 367.
meloda, 103, 135, 402.
meloda circumcincta, 103, 135, 289.
nivosa, 402, 411.
semipalmata, 289.
vocifera, 172, 289, 352.
wilsonia, 289.
Ægithalus flaviceps, 391.
Aëronautes melanoleucus, 175.
Agelaius gubernator, 128.
gubernator **californicus**, 59, 128.
phœniceus, 100, 177, 319.
phœniceus floridanus, 121.
phœniceus **grandis**, 57.
phœniceus longirostris, 128.
phœniceus **richmondi**, 58.
phœniceus sonoriensis, 128.
Agriocharis ocellata, 275.
Agyrtria chionopectus, 366.
Aix sponsa, 286, 350.
Alectryopelia, 215.
Allen, Glover M., bird notes from Massachusetts, 326.
Allen, J. A., the proper generic name of the Loons, 312.
Amazilia erythronota, 362, 366, 371.
American Ornithologists' Union, report of Committee on Bird Protection, 21–32; fourteenth Congress of, 82–86; amendments to By-Laws of, 115; membership of Committee on Bird Protection, 116.
Ames, J. H., rare birds taken in Toronto and vicinity, 411.
Ammodramus bairdii, 93, 178.
caudacutus, 334.
caudacutus subvirgatus, 93, 334.
henslowi, 220, 326, 406.
leconteii, 320, 411.
manimbe, 364, 368.
maritimus, 219, 320, 322.
maritimus macgillivrayi, 121, 232.
maritimus peninsulæ, 321.
sanctorum, 121.
sandwichensis savanna, 102.
savannarum **obscurus**, 61.
savannarum passerinus, 227.
nelsoni, 334,
nelsoni subvirgatus, 334.
(Passerculus) sanctorum, 92, 121.
(Passerculus) sandwichensis **wilsonianus**, 93.
Ampelis cedrorum, 179, 277.
garrulus, 179, 199.
Amydrus? **dubius**, 158.
Anas americana, 171, 285, 350.
boschas, 171, 285, 350.
carolinensis, 171, 286, 350.
casarca, 118.
clangula, 125.
collaris, 206.
cyanoptera, 171, 350.
discors, 286.
fabalis, 118.
fulvigula, 285.
fulvigula maculata, 285.
glacialis, 124.
hyemalis, 124, 125.
islandica, 125.
jamaicensis, 125.
obscura, 206, 285.

Anas rubida, 126.
strepera, 285.
Anderson, Rudolph M., notice of his Birds of Winnebago and Hancock Counties, Iowa, 246.
Anser albifrons gambeli, 287.
brenta, 208.
brenta glaucogaster, 208.
fabalis, 118.
Anthony, A. W., on protection of birds in Lower California and Mexico, 28–31; new birds from the islands and peninsula of Lower California, 164–168; the nostrils of young Cormorants, 205; the Roadrunner as a destroyer of caterpillars, 217.
Anthus pensylvanicus, 180.
Antrostomus **ridgwayi**, 50.
Apus, 419.
Aquila chrysaëtos, 89, 174, 215, 227, 317, 353.
Arbelorhina cærulea, 363.
Archibuteo ferrugineus, 173.
lagopus sancti-johannis, 173, 353.
sancti-johannis, 216.
Ardea cærulea, 316, 402.
cyanura, 367.
occidentalis, 232.
virescens anthonyi, 119.
wuerdemanni, 232.
Ardetta exilis, 227.
neoxena, 411
Arenaria interpres, 289.
Arremonops, 129, 232.
rufivirgata, 129.
Asarcia, 119.
spinosa, 88, 103.
Asio accipitrinus, 353, 388, 404.
mexicanus, 366.
wilsonianus, 174, 353.
Asturina magnirostris, 366.
Atticora cyanoleuca, 364.
Audubon Societies, work of, 31, 257, 343.
Auriparus flaviceps, 391, 393, 394.
flaviceps **lamprocephalus**, 391, 394.
flaviceps ornatus, 390.
Automnierre, 286.
Automolus **pectoralis**, 54.
Automolus, Oaxaca, 54.
Avocet, 212.
American, 288.
Aythya, 133.
affinis, 171, 286.
Aythya americana, 286.
collaris, 286, 350.
marila, 135, 228.
marila nearctica, 135, 171, 286.
vallisneria, 206, 286.

BAGG, Egbert, some new records from Central New York, 226.
Baily, Wm. L., disgorgement of cherry stones again noted, 412.
Baldpate, 171, 285.
Ball, Helen A., a Mockingbird at Worcester, Mass., 324.
Barlow, Chester, some notes on the nesting habits of the White-tailed Kite, 14; occurrence of *Zonotrichia albicollis* in California, 221; notice of his 'The Story of the Farallones,' 334.
Bartramia longicauda, 229, 288, 351, 411.
Basileuterus **flavigaster**, 67.
vermivorus olivascens, 362, 363, 368.
Bartsch, Paul, *Uria lomvia*, an addition to the Avifauna Columbiana, 312; a few notes on the Avifauna Columbiana, 326.
Baskett, James Newton, the A. O. U. Check-List, 340.
Bates, Frank A., notice of his 'Game Birds of North America,' 244.
Beal, F. E. L., recent investigations of the food of European birds, 8; notice of his 'The Blue Jay and its Food,' 421; notice of his 'Some Common Birds in their Relation to Agriculture, 421.
Becard, Sumichrast's, 52.
Bécasse du bois, 288.
du marais, 288.
Bécassine, 288.
de mer, 288.
Bec Scie, 285.
Bec Scie de mer, 285.
Bendire, Charles, notice of his 'Life Histories of North American Birds,' 104; notice of death of, 253; bibliography of his early ornithological writings, 327.
Bernicla glaucogaster, 208.
Bird, Cedar, 277, 318, 319.
Man-o'-war, 200.
Bittern, Cory's Least, 411.
Least, 227.
Black, Eli Whitney, nesting habits of *Empidonax insulicola*, 405.

Blackbird, Brewer's, 177.
California Bicolored, 59.
Red-winged, 100, 177, 319.
Bluebird, Mountain, 181.
Western, 181.
Bobolink, 137, 149.
Bob-white, 226, 316.
Godman's, 45.
Guatemalan, 46.
Puebla, 47.
Salvin's, 45.
Bonasa umbellus togata, 173, 352.
Botaurus lentiginosus, 351.
Branchier, 286.
Braislin, William C., records of two birds, rare on Long Island, N. Y., 99.
Brant, Black, 208.
Blue, 287.
Gray, 287.
White, 287.
Branta bernicla glaucogastra, 207.
canadensis, 287, 350.
canadensis occidentalis, 87, 172.
nigricans, 207.
Breninger, George F., *Buteo albicaudatus* in Arizona, 403.
Brewster, William, on the nomenclature of certain forms of the Downy Woodpecker (*Dryobates pubescens*), 80–82; the Lesser Snow Goose in New England, 207; the Bahaman Swallow in Florida, 221;
Brewsteria, 119.
Brown, Nathan Clifford, the Mockingbird at Portland, Maine, in winter, 224; reappearance of the Mockingbird at Portland, Maine, 324.
Brownell, C. L., nesting of *Cardinalis cardinalis* at Nyack, N. Y., 406.
Bruner, L., *Vireo flavoviridis* in Nebraska — a correction, 323.
Bubo virginianus, 318.
virginianus occidentalis, 132.
virginianus pacificus, 119.
virginianus saturatus, 89, 174, 353
virginianus subarcticus, 134, 353.
Buffle-head, 172, 286.
Bullhead, 289.
Bunting, Henslow's, 221.
Indigo, 145.
Reed, 335.
Burtch, Verdi, Acadian Sparrow in Yates County, N. Y., 93.
Buteo albicaudatus, 403.
borealis calurus, 173.
borealis harlani, 197, 200, 247.
swainsoni, 216, 352.
Butler, A. W., the unusual occurrence of Brünnich's Murre (*Uria lomvia*) far inland, with notes on other rare birds, 197–200; notice of his 'Indiana: A Century of Changes in the Aspects of Nature,' 245.
Butter-ball, 286.

CACHE-CACHE, 288.
Calidris arenaria, 109, 288.
Callichelidon cyaneoviridis, 221.
Callipepla californica vallicola, 404.
gambelii deserticola, 130.
Calliste cayana, 364.
desmaresti, 364.
guttata, 364.
Calocitta formosa **azurea**, 55.
Calocitta, Blue-backed, 55.
Camptolaimus labradorius, 87.
Campylopterus ensipennis, 366.
Canard cheval, 286.
français, 285.
gris, 285.
noir, 285, 286.
noir d'été, 285.
violon, 286.
Canvas-back, 286.
Capsiempsis flaveola, 365.
Cardinal, 406.
Coast, 64.
Florida, 122.
Texas, 95.
Cardinalis cardinalis, 406.
cardinalis floridanus, 122, 232.
cardinalis **littoralis**, 64.
phœniceus, 359, 364.
sinuatus, 95.
Carduelis macroptera, 311.
Carpodacus amplus, 165.
cassini, 177.
mexicanus frontalis, 165.
mcgregori, 165.
Casarca, 118
casarca, 118.
Cassicus persicus, 364.
Catbird, 97, 180, 420.
Catharista atrata, 366.
Cathartes aura, 173, 227, 352, 366.
Catharus aurantiirostris, 363, 367.

Catharus frantzii, 75.
occidentalis, 75.
occidentalis **fulvescens**, 75.
Catherpes sumichrasti, 71.
Centrocercus urophasianus, 181.
Ceophlœus lineatus, 366.
pileatus, 175, 354.
Cepphus **snowi**, 201.
Certhia americana, 216.
familiaris albescens, 132.
familiaris alticola, 132.
familiaris fusca, 216.
fusca, 216.
mexicana albescens, 132.
Ceryle alcyon, 174, 204, 353.
amazona, 366.
americana, 366.
Chadbourne, Arthur P., evidence suggestive of theoccurrence of 'individual dichromatism' in *Megascops asio*, 33–39; the spring plumage of the Bobolink, with remarks on 'color-change' and 'moulting,' 137–149; a desirable substitute for carbon disulphide as an insecticide, 251.
Chætura pelagica, 217.
vauxii, 175, 354.
Chamæthlypis, 123.
Chamberlain, Montague, notice of his 'Revised New Nuttall,' 109.
Chapman, Frank M., remarks on the spring moult of the Bobolink, 149–154; Murres in Western New York, 202; preliminary description of new birds from Mexico and Arizona, 310; notice of his 'Notes on Birds observed in Yucatan,' 333; notice of his 'Bird-Life,' 336; notice of the fourth edition of his 'Handbook of the Birds of Eastern North America,' 419. See also Phelps, William Henry.
Charadrius dominicus, 212, 289, 352.
dominicus fulvus, 103.
Charitonetta albeola, 172, 286, 350.
Chat, Long-tailed, 404.
Chelidon erythrogaster, 95, 179.
Chen cærulescens, 207, 287.
hyperborea, 207, 287.
hyperborea nivalis, 287.
Cherrie, George K., the Snowy Plover in Florida, 402.
Chickadee, 99.
Mountain, 180.
Oregon, 180.
Chiroxiphia lanceolata, 365.
Chloronerpes rubiginosus, 366.
Chloropeta **similis**, 163.
Chlorospingus atriceps, 65.
leotaudi, 362.
Chlorospingus, Black-crowned, 65.
Chondestes grammacus strigatus, 178.
Chordeiles acutipennis, 366.
popetue sennetti, 121.
virginianus, 354.
virginianus henryi, 175.
vinginianus sennetti, 121.
Chrysuronia œnone, 366.
Chubb, S. H., Rough-winged Swallows (*Stelgidopteryx serripennis*) in Greene and Ulster Counties, N. Y., 408.
Churook, 288.
Cinclus mexicanus, 180.
Cinnyris **nectarinoides**, 158.
Circus hudsonius, 173, 352.
Cissolopha **pulchra**, 56.
Cistothorus paludicola, 189.
palustris, 186, 189, 193, 194, 196.
palustris paludicola, 193, 194, 196.
palustris **plesius**, 188, 196.
Clangula, 124, 125.
americana, 125.
clangula americana, 125, 172, 286.
hyemalis, 125.
islandica, 125, 172, 206, 228, 350.
Clarke, C. K., notes on some Ontario birds, 410.
Clivicola riparia, 179.
Coccothraustes vespertinus **mexicanus**, 311.
vespertinus montanus, 311.
Coccycua, 90.
Coccyginæ, 90.
Coccygius, 90.
Coccygon, 90.
Coccygus, 90.
Coccysus, 90.
Coccyzæa, 90.
Coccyzinæ, 90.
Coccyzius, 90.
Coccyzus, 90.
americanus occidentalis, 182, 353.
Cœreba luteola, 363.
Colaptes auratus, 275.
cafer, 175, 354.

Colaptes chrysoides brunnescens, 120.
Cole, Leon J., the Michigan Ornithological Club, 101.
Colinus **godmani**, 45.
graysoni **nigripectus**, 47.
insignis, 46.
salvini, 45.
virginianus, 226, 316.
Collier, 289.
Colopterus pilaris, 365.
Columba fasciata, 349.
palumbus, 9.
Columbigallina passerina, 366.
passerina pallescens, 215.
rufipennis, 366.
Colymbus, 312, 313.
auritus, 171.
holbœllii, 171, 327, 349, 411.
Compsothlypis americana, 289.
americana usneæ, 123.
pitiayuma, 363.
Conirostrum ornatum, 391.
Conklin, Chas. E., breeding of the Carolina Wren (*Thryothorus ludovicianus*) on Long Island, N. Y., 97.
Contopus borealis, 99, 176, 326, 355, 410.
brachytarsus, 365.
pertinax, 310.
pertinax **pallidiventris**, 310.
richardsonii, 176, 355.
Conurus æruginosus, 366.
Cooke, W. W., the Scarlet Ibis in Colorado, 316; notice of his 'The Birds of Colorado,' 331.
Coot, 247.
American, 172.
Cope, Edward Drinker, obituary of, 342.
Corbigot, 288.
Cormorants, nostrils in, 87, 205; rectrices of, 316.
Corvus americanus, 11, 177, 349, 356.
caurinus, 349.
corax sinuatus, 182, 356.
frugilegus, 8, 9.
ossifragus, 100.
Cory, Charles B., notice of his 'List of the Birds of Florida, 247; notice of his 'List of the Birds of Eastern North America,' 248; notice of his 'Shore Birds of North America,' 418.
Cosmetornis, 419.
Cotton-head, 285.
Coturniculus, 93.
Coturnix communis, 107.
Coues, Elliott, *Zamelodia* against *Habia*, 39–42; *Asarcia spinosa*, 88; the Cuculidæ of the A. O. U. Check-List, 90; authority for the name *Myiarchus mexicanus*, 92; *Ammodramus* (*Passerculus*) *sanctorum*, 92; rectifications of synonymy in the genus *Junco*, 94; characters of *Dendroica cærulescens cairnsi*, 96; note on the genus *Lucar* of Bartram, 97; *Uria lomvia* in South Carolina, 203; the type locality of *Fuligula collaris*, 206; *Dafilula*, a new subgenus, 207; *Branta bernicla leucogastra*, 207; a North American Snipe new to the A. O. U. List, 209; status of *Helodromas ochropus* in the A. O. U. List, 210; status of the Redshank as a North American bird, 211; validity of the genus *Lophortyx*, 214; notes on the Mexican Ground Dove, 215; note on *Elanus glaucus*, 216; how the Chimney Swift secures twigs for its nest, 217; probable first description of *Empidonax flaviventris*, 218; how about the genus *Pipilo* now? 221; untenability of the genus *Sylvania* Nutt., 223; the most general fault of the A. O. U. Check-List, 229; the Turkey question, 272–275; note on *Pagophila alba*, 313; *Onychoprion*, not *Haliplana*, 314; remarks on certain Procellariidæ, 314; rectrices of Cormorants, 316; concordance of *Merganser americanus*, 316; bibliographical note, 327; early notice of *Gavia adamsi*, 402. See also Wright, Mabel Osgood.
Cowbird, 177.
Crane, Sandhill, 181, 287.
Whooping, 287.
Creogenys, 215.
Crithagra **kilimensis**, 155.
striolata **affinis**, 156.
Crossbill, American, 177.
Crotophaga ani, 366.
Crotophaginæ, 91.
Crow, Common, 11, 177.
Fish, 100.
Cuckoo, California, 182.

Cuckoos, American, 90.
American Ground, 91.
American Tree, 90.
Cuculidæ, 90, 91.
Cuculinæ, 90, 91.
Cuculus canorus telephonus, 90.
Curlew, Eskimo, 213, 289.
Hudsonian, 213, 289.
Jack, 214.
Long-billed, 172, 199, 288.
Curvirostra americana var. mexicana, 349.
leucoptera, 349.
Cyanocitta stelleri annectens, 177, 356.
Cyclorhis flavipectus, 362, 364.
Cygne, 287.
Cyphorinus pusillus, 409, 410.
Cypselidæ, 419.
Cypseloides niger, 126.
niger borealis, 126, 175.
Cypselus borealis, 126.
Cyrtonyx **merriami**, 48.

DACNIS plumbea, 363.
Dafila acuta, 286, 350.
Dafilula, 207.
Dawson, William L., nesting of the Larger White-cheeked Goose (*Branta canadensis occidentalis*) in Okanogan Co., Wash., 87; Hepburn's Leucosticte (*Leucosticte tephrocotis littoralis*) in summer, in Okanogan Co., Wash., 92; occurrence of Baird's Sparrow (*Ammodramus bairdii*) in Washington, 93; natural breeding haunts of the Barn Swallow (*Chelidon erythrogaster*), 95; a preliminary list of the birds of Okanogan County, Washington, 168–182.
Deane, Ruthven, on protection of birds in Illinois, 24–26; additional records of the Passenger Pigeon (*Ectopistes migratorius*), 316.
Delattria henrici, 51.
margarethæ, 51.
pringlei, 51.
Dendragopus franklini, 173, 352.
obscurus fuliginosus, 172.
obscurus richardsoni, 352.
Dendrocygna autumnalis, 286.
fulva, 286.
Dendroica æstiva, 179.
Dendroica æstiva morcomi, 76, 77, 78.
æstiva **rubiginosa**, 76, 123.
auduboni, 179.
cærulea, 97, 131.
cærulescens cairnsi, 96, 123.
coronata, 326.
dominica albilora, 247.
goldmani, 66.
nigrescens, 182.
occidentalis, 179.
rara, 97, 326.
vigorsi, 229.
Dendrornis susurrans, 365.
Dendrortyx macrourus **griseipectus**, 44.
macrourus **striatus**, 44.
oaxacæ, 43.
Dickcissel, 95.
Diplopteryx nævius, 366.
Dipper, American, 180.
Doleromya fallax, 359, 366.
Dolichonyx oryzivorus, 137–149, 149–154.
Dormeur, 288.
Dos gris, 286.
Dove, Mexican Ground, 215.
Mourning, 173, 228.
Quail, 88.
Dowitcher, 199, 288.
Long-billed, 288.
Dryobates pubescens, 80, 120.
pubescens homorus, 126, 174, 233, 354.
pubescens medianus, 82, 120.
pubescens meridionalis, 80, 81.
pubescens nelsoni, 80, 82, 120.
pubescens oreœcus, 126, 233.
sanctorum, 50.
villosus harrisii, 174.
villosus hyloscopus, 353.
villosus montanus, 135.
Duck, American Scaup, 171, 228, 286.
Black, 285.
Canvas-back, 206, 286.
Dusky, 206.
Eider, 303.
Fiddler, 286.
Florida, 285.
French, 285.
Gray, 285.
Lesser Scaup, 171, 286.
Labrador, 87.
Long-legged, 286.
Long-necked, 286.
Mottled, 285.

Duck, Ring-necked, 206, 286.
Raft, 286.
Ruddy, 286.
Whistling, 285.
Wood, 286.
Yellow-bellied Fiddler, 286.
Ducks, velocity of flight of, 116.
Dutcher, William, report of the A. O. U. committee on Protection of North American Birds, 21–32.
Dwight, J., Jr., *Spiza americana* near Kingston, New York, 95; the whistled call of *Parus atricapillus* common to both sexes, 99; a study of the Philadelphia Vireo (*Vireo philadelphicus*), 259–272; absence of *Turdus aonalaschkæ pallasii* in Tadousac, Quebec, in 1896, 325.

EAGLE, Bald, 174.
Golden, 89, 174, 215, 227, 317.
Eastman, H. D., three birds rare in Framingham, Mass., 327.
Ectopistes migratorius, 88, 316, 349.
Eider, 303.
King, 202.
Pacific, 303.
Elainea **albiventris**, 365, 368.
gaimardi, 365.
pagana, 365.
Elanoides forficatus, 326, 366.
Elanus glaucus, 216.
leucurus, 14, 216.
Elliot, D.G., notice of his 'Catalogue of a Collection of Birds from Somali-Land,' 245.
Emberizoides macrurus, 364.
Embernagra rufivirgata, 129.
striaticeps conirostris, 364.
Empidonax acadicus, 127.
bairdi, 53.
bairdi **occidentalis**, 53.
difficilis, 176, 300.
flaviventris, 218.
hammondi, 176, 355.
insulicola, 300, 405.
pusillus, 127.
pusillus traillii, 127.
traillii, 127, 176.
traillii alnorum, 127, 326, 410.
wrightii, 176, 356.
Engyptila erythrothorax, 366.
Ereunetes occidentalis, 103, 351.
pusillus, 288.
Erismatura jamaicensis, 125, 286, 350.
rubida, 125.
Estrilda **cyanocephala**, 157.
Euetheia omissa, 359, 364.
Euphonia crassirostris, 364.
trinitatis, 364.
Eupsychortyx sonnini, 367.

FALCO alaudarius, 107.
columbarius, 174, 349.
glaucus, 216.
mexicanus, 174, 353.
peregrinus anatum, 226.
richardsoni, 353.
sparverius, 366.
sparverius deserticolus, 174, 353.
Falcon, Prairie, 174.
Fannin, J., the California Vulture in Alberta, 89; abundance of Owls on the coast of British Columbia, 89.
Farley, J. A., breeding of the Seaside Sparrow in Massachusetts, 322.
Faxon, Walter, the Seaside Sparrow (*Ammodramus maritimus*) in Massachusetts, 320; what is *Fringilla macgillivrayi* Aud.? 321; Purple Martins (*Progne subis*) breeding in electric arc-light caps, 407; the names of two Mexican Wrens, 409.
Figgins, J. D., Bachman's Sparrow in Maryland, 219.
Finch, Cassin's Purple, 177.
McGregor's House, 165.
Pine, 320.
Fisher, Wm. H., the Redpoll in Maryland, 219.
Flicker, 275.
Brown, 120.
Red-shafted, 175.
Floricola longirostris, 366.
Fluvicola pica, 365.
Flycatcher, Acadian, 127.
Alder, 127, 326, 410.
Green-crested, 127.
Hammond's 176.
Island, 405.
Little, 127.
Olive-sided, 99, 176, 326, 410.
Pluma, 53.
Traill's 127, 176.

- Empidonax cinereus 300

virescens, 127

Flycatcher, Western, 176.
Wright's, 176.
Yellow-bellied, 218.
Foote, F. H., the Carolina Wren (*Thryothorus ludovicianus*) at Inwood-on-Hudson, New York City, 224.
Formicivora intermedia, 365.
Fowler, H. W., rare birds in the vicinity of Philadelphia, 326,[1] 410.
Fratercula arctica glacialis, 124.
Fregata, 315.
aquila, 197, 200.
Fregetta, 315.
Fringilla caudacuta, 320.
chlorura, 129.
macgillivrayi, 121, 232, 321.
savanna, 93.
savannarum, 93.
Fulica americana, 172, 287, 351.
atra, 247.
spinosa, 88, 119.
Fuligula collaris, 206.
Fulmarinæ, 315.
Fulmarus glacialis columba, 135, 232.
glacialis glupischa, 135, 232.
glacialis minor, 135, 232.
glacialis rodgersi, 135.

GADWALL, 285.
Galbula ruficauda, 366.
Galeoscoptes carolinensis, 180.
Gallinago delicata, 172, 288, 351.
frenata, 367.
major, 209.
media, 209.
Gallinula chloropus, 247.
galeata, 287.
Gallinule, Purple, 200.
Gallopavo sylvestris, 275.
sylvestris novæ angliæ, 273.
Gätke, Heinrich, obituary of, 254.
Gault, Benj. T., *Geothlypis agilis* a possible breeder in northern Minnesota, 222.
Gavia, 312, 313.
adamsii, 312, 402.
arctica, 312.
imber, 312.
lumme, 312.
Gavia pacifica, 312.
Gaviidæ, 312.
Geococcyx californicus, 217.
Geothlypis agilis, 222.
macgillivrayi, 179.
trichas occidentalis, 179, 408.
Geotrygon chrysia, 126.
martinica, 126.
Glaucidium ferrugineum, 328.
gnoma, 353.
gnoma californicum, 89.
phalænoides, 328, 366.
Glaucionetta, 125.
clangula americana, 125.
islandica, 125.
Glaucis hirsuta, 366.
Godwit, Marbled, 288.
Golden-eye, 286.
American, 172, 228, 286.
Barrow's, 172, 206, 228.
Goldfinch, Willow, 397.
Goode, G. Brown, notice of his 'The Published Writings of Philip Lutley Sclater,' 233.
Goose, American White-fronted, 287.
Bean, 118.
Blue, 207, 287.
Brent, 208.
Canada, 287,
Greater Snow, 287.
Larger White-cheeked, 87.
Lesser Snow, 207, 287.
White-cheeked, 172.
Goshawk, American, 216, 317.
Grackle roost, at Oberlin, O., 417.
Grebe, Holbœll's, 171, 327, 411.
Horned, 171.
Little, 335.
Western, 171.
Green-head, 285.
Greenshank, 335.
Grinnell, Joseph, description of a new Towhee from California, 294–296; disgorgement among Song Birds, 318; new race of *Spinus tristis* from the Pacific Coast, 397–399.
Grosbeak, Black-headed, 41.
California Pine, 182.
Rose-breasted, 41, 323.
Gros tête, 289.
yeux, 289.
Grouse, Canadian Ruffed, 173.
Columbian Sharp-tailed, 173.
Franklin's, 173.
Sage, 181.

[1] Here wrongly attributed to Witmer Stone.

Grouse, Sooty, 172.
Grue blanche, 287.
bleu, 287.
Grus americana, 287.
mexicana, 181, 287, 351.
Guara rubra, 316.
Guiraca cyanea, 364.
melanocephala, 130.
Gull, Black-headed, 335.
Bonaparte's, 181.
Herring, 205, 335.
Ivory, 313.
Laughing, 388.
Kittiwake, 229, 247.
Western, 181.
Gurney, J. H., Labrador Duck, 87.

HABIA, 39–42, 130.
ludoviciana, 130, 323.
melanocephala, 130, 178.
Haliæetus leucocephalus, 174, 353.
Haliplana, 314.
Harelda, 124.
glacialis, 111.
hiemalis, 125.
hyemalis, 125, 228.
Harporhynchus bendirei, 328.
crissalis, 328.
lecontei **arenicola**, 167.
Hartert, Ernst, notice of his monograph of the Podargidæ, Caprimulgidæ and Macropterygidæ, in 'Das Tierreich,' 419.
Hawk, American Rough-legged, 173.
Desert Sparrow, 174.
Duck, 226.
Ferrugineous Rough-legged, 173.
Harlan's 200.
Marsh, 173.
Pigeon, 174.
Rough-legged, 216.
Sennett's White-tailed, 403.
Sharp-shinned, 173.
Swainson's, 216.
Western Red-tail, 173.
Hedymela, 39, 41.
Hedymeles, 39, 41.
Heleodytes affinis, 131.
alticolus, 68.
brunneicapillus affinis, 131.
capistratus **nigricaudatus**, 70.
humilis **rufus**, 69.
occidentalis, 69.
Helminthophaga luciæ, 328.
Helminthophila bachmanii, 305–310.
celata lutescens, 179.
rubricapilla, 130.
rubricapilla gutturalis, 131.
ruficapilla, 130.
ruficapilla gutturalis, 131, 182.
Helmitherus vermivorus, 100.
Helodromas, 211.
ochropus, 211.
Hemiura leucogastra, 131.
pacifica, 72.
pusilla, 410.
Hen, Mangrove, 287.
Marsh, 287.
Prairie, 287.
Henicorhina leucophrys **capitalis**, 74.
mexicana, 73.
Heron, Anthony's Green, 119.
Great Blue, 25.
Little Blue, 316, 402.
Night, 26, 227.
Hesperocichla nævia, 181.
Histrionicus histrionicus, 350.
Howe, Reginald Heber, Jr., the Terns at Dyer's and Weepecket Islands, 203; the Seaside Sparrow (*Ammodramus maritimus*) at Middletown, R. I., 219; notice of his 'Birds of Brookline, Mass.,' 246; the Least Tern breeding on Martha's Vineyard, Mass., 402; the White-throated Sparrow breeding at Hubbardston, Mass., 406; birds' tongues in pictures, 413.
Hummer, Pringle's, 51.
Hummingbird, Black-chinned, 175.
Broad-tailed, 91.
Rufous, 175.
Hydrochelidon nigra surinamensis, 327, 411.
Hylophilus aurantiifrons, 364.
flavipes, 364.
Hylorchilus, 71.
sumichrasti, 72.

IBIS, Scarlet, 316.
Wood, 208.
Icteria virens longicauda, 179, 404.
Icterus auricapillus, 364.
bullocki, 177.
vulgaris, 364.
xanthornus, 364, 368.

Ictinia plumbea, 366.
Ingraham, D. P., additional records of the Flammulated Owl (*Megascops flammeola*) in Colorado, 403.
Ionornis martinica, 200, 287.

JACANA spinosa, 88, 103.
Jackdaw, 335.
Jay, Acapulco, 56.
Black-headed, 177.
Blue, 421.
Green, 333.
Job, Herbert K., the Canvas back in Massachusetts, 206; northern Hawks in Massachusetts, 216.
Johnson, W. S., the Passenger Pigeon (*Ectopistes migratorius*) in Lewis County, N. Y., 88; Bobwhite in northwestern New York, 316.
Jones, Lynds, notice of his 'The Oberlin Grackle Roost, 417.
Judd, Sylvester D., northern New Jersey notes, 326; notice of his paper 'Methods in Economic Ornithology, with special reference to the Catbird,' 420.
Junco annectens, 94, 128, 129.
fulvescens, 61.
hyemalis, 94, 277, 326.
hyemalis connectens, 95, 128.
hyemalis danbyi, 94.
hyemalis oregonus, 178, 248.
hyemalis shufeldti, 94, 128, 248.
mearnsi, 94.
ridgwayi, 94, 128.
Junco, 277.
Chiapas, 61.
Oregon, 178.
Pink-sided, 128.
Ridgway's, 128, 129.
Slate-colored, 326.

KENNARD, Fred H., the Avocet (*Recurvirostra americana*) at Ipswich, Mass., 212.
Killdeer, 172, 289.
Kingbird, 176.
Arkansas, 176.
Kingfisher, Belted, 174, 204.
Kinglet, Ruby-crowned, 180.
Sitkan, 399.
Western Golden-crowned, 180.
Kite, Swallow-tailed, 326.
White-tailed, 14, 216.
Kittiwake, 229.
Knight, O. W., the Horned Larks of Maine, 371–374; notice of his 'List of the Birds of Maine,' 414.
Knot, 199, 227, 288, 411.
Kumlien, Ludwig, the A. O. U. Check-List, 341.

LAGOPUS evermanni, 119.
lagopus, 411.
leucurus, 173.
rupestris townsendi, 119.
Lampornis violicauda, 366.
Lane, Ambrose A., notice of his 'Field-notes on the Birds of Chili,' 417.
Laniarius **abbotti**, 161.
Lanio lawrenceii, 362.
Lanius borealis, 179.
ludovicianus excubitorides, 179.
robustus, 323.
Lano, Albert, *Aquila chrysaëtos* in central Minnesota, 317.
Lapwing, 335.
Lark, Dusky Horned, 176.
Horned, 373.
Oaxaca Horned, 54.
Pallid Horned, 176.
Prairie Horned, 371.
Larus argentatus smithsonianus, 205, 350.
atricilla, 23, 388.
delawarensis, 350.
occidentalis, 181.
philadelphia, 181, 350.
Lawrence, Robert Hoe, obituary of, 342.
Lee, Oswin A. J., notice of his 'Among British Birds in their Nesting Haunts,' 106, 247, 334.
Legatus albicollis, 365.
Leptopogon superciliaris, 365, 369.
Leucosticte tephrocotis littoralis, 92, 177.
Leucosticte, Hepburn's, 92, 177.
Limosa fedoa, 288.
hæmastica, 103.
hudsonica, 103.
Loomis, Leverett M., on bird protection in California, 26.
Loon, 171.
Loons, 312.
Lophodytes cucullatus, 285, 350.
Lophortyx, 214.

Loxia curvirostra minor, 177, 349.
ludoviciana, 130.
Lucar, 97, 134.
carolinensis, 97.
lividus, 97.
Lucas, F. A., the nostrils in young Cormorants, 87;

MACKAY, George H., on protection of Terns at Muskeget and Penikese Islands, Mass., 21; the 1896 migration of *Charadrius dominicus* and *Numenius borealis* in Massachusetts, 212; sundry notes, 228; the Terns of Penikese Island, Massachusetts, 278–284; arrival of Terns at Penikese Island in 1897, 313; a great flight of Robins in Florida, 325; the Terns of Muskeget Island, Mass., Part III, 383–390; the Terns of Penikese — a correction, 402.
Macropterygidæ, 419.
Macrorhamphus griseus, 197, 199, 288, 351.
scolopaceus, 103, 288.
Magpie, American, 177.
Mallard, 171, 285.
Black, 285.
Summer Black, 285.
Marionnette, 286.
Martin, Purple, 407.
McCook, P. J., capture of the Little Blue Heron in Connecticut, 402.
McGregor, Richard C., Broad-tailed Hummingbird in California, 91.
McIlhenny, E. A., a list of the species of Anseres, Paludicolæ, and Limicolæ, occurring in the State of Louisiana, 285–289.
Meadowlark, Western, 177.
Mearns, Edgar A., notice of his 'Ornithological Vocabulary of the Moki Indians, 420.
Megascops asio, 33, 140.
asio kennicottii, 89.
asio subsp., 353.
flammeola, 403.
flammeola idahoensis, 134.
idahoensis, 134.
marmoratus, 49.
Melanerpes formicivorus, 120,
formicivorus aculeatus, 132.
subelegans, 366.
torquatus, 175, 354.
Melanobucco **abbotti**, 164.
Meleagris americana, 272, 273.
fera, 274.
gallopavo, 272.
gallopavo ellioti, 275.
gallopavo intermedia, 275.
mexicana, 272, 274.
occidentalis, 273.
palawa, 274.
sylvestris, 274.
Melopelia leucoptera, 88.
Melospiza fasciata, 204.
fasciata guttata, 178.
fasciata juddi, 122.
fasciata merrilli, 122.
insignis, 122.
Melzer, James P., Little Blue Heron in New Hampshire, 316.
Merganser americanus, 171, 285, 316, 350.
serrator, 171, 228, 229, 350.
Merganser, American, 171, 285, 316.
Hooded, 285.
Red-breasted, 171, 228, 229.
Mergus, 118.
albellus, 118.
Merriam, Miss Florence A., notice of her 'A Birding on a Bronco,' 107.
Merrill, J. C., notes on the Birds of Fort Sherman, Idaho, 347–357.
Merula albiventris, 363.
gymnophthalma, 363.
migratoria, 325.
migratoria propinqua, 181.
tamaulipensis, 75.
xanthoceles, 362.
Mesquin, 286.
Micrathene whitneyi, 328.
Micropalama himantopus, 88.
Micropus, 419.
Millais, John Guille, notice of his paper on 'Change of Birds to Spring Plumage without a Moult,' 109.
Miller, Gerrit S., Jr., some abnormal color markings, 275–278; review of Herluf Winge's reports on the migration of Danish birds, 415; the treatment of nomina nuda, 427–430.
Miller, Olive Thorne, captive wild birds, 251; notice of her 'Upon the Tree-Tops,' 333.
Miller, Walter, notice of his 'Scientific Names of Latin and Greek Derivation,' 332.

Milvulus tyrannus, 365.
Mimus gilvus, 363.
polyglottos, 100, 224, 324.
Minus carolinensis grisifrons, 133.
Mionectes oleagineus, 365.
olivaceus, 365.
Mockingbird, 100, 224, 319, 324.
Molothrus ater, 177.
Momotus mexicanus **saturatus**, 49.
swainsoni, 362.
Mormon glacialis, 124.
Morris, Robert O., unusual visits of birds in Western Massachusetts in 1896, 100.
Morse, Albert Pitts, notice of his List of the Birds of Wellesley, Mass., 335.
Motacilla rubiginosa, 76, 123.
Motmot, Coast, 49.
Murre, Brünnich's, 100, 197, 202, 203, 226, 228, 312, 410.
Myiadestes obscurus, 334.
townsendi, 180.
unicolor, 334.
Myiarchus cinerascens, 92.
mexicanus, 92, 127.
tuberculifer, 365.
tyrannulus, 365.
Myiobius nævius, 365.
Myiodioctes, 224.
Myiodynastes audax, 365.
Myiozetetes cayennensis, 365.
texensis, 365.
Myrmeciza longipes albiventris, 362, 365.

NANOCHORDEILES, 419.
Nehrling, Henry, notice of Vol. II of his 'Our Native Birds of Song and Beauty,' 335.
Nelson, E. W., preliminary descriptions of new birds from Mexico and Guatemala in the collection of the United States Department of Agriculture, 42–76.
Neomorphinæ, 91.
Newton, Alfred, notice of his 'Dictionary of Birds,' Part IV, 234.
Newton, Sir Edward, obituary of, 431.
Nicholas, Howard Gardner, obituary of, 115.
Nighthawk, Sennett's, 121.
Western, 175.
Norton, Arthur H., a noteworthy plumage observed in the American Eider Drake (*Somateria dresseri*), 303; notice of his paper on the Sharp-tailed Sparrows of Maine, 334.
Nucifraga columbiana, 177, 276, 357.
Numenius borealis, 212, 289.
hudsonicus, 213, 214, 289.
longirostris, 172, 199, 288, 251.
Nutcracker, Clarke's, 177, 276.
Nuthatch, Pygmy, 180.
Red-breasted, 180, 324.
Slender-billed, 180.
Nyctala acadica, 353.
tengmalmi richardsoni, 353.
Nyctea nyctea, 89, 353.
Nycticorax nycticorax nævius, 227.
Nyctidromus albicollis, 366.
Nyroca, 133.

OBERHOLSER, Harry C., description of a new subspecies of *Dendroica*, 76–80; notice of his List of Birds of Wayne Co., Ohio, 112; critical remarks on *Cistothorus palustris* (Wils.) and its allies, 186–196; description of a new *Empidonax*, with notes on *Empidonax difficilis*, 300–303; critical notes on the genus *Auriparus*, 390–394.
Oceanitinæ, 315.
Oceanodroma cryptoleucura, 297, 298, 415.
leucorhoa, 297, 415.
socorroensis, 117.
Odontophorus meleagris, 48.
Oidemia americana, 125, 228.
carbo, 135.
deglandi, 172, 228.
perspicillata, 228.
Oie blanche, 287.
bleu, 287.
caille, 287.
Olor buccinator, 287.
columbianus, 287.
sp.? 351.
Onychoprion, 314.
Oreospiza, 129, 232.
chlorura, 129.
Oriole, Bullock's, 177.
Ornithion pusillum, 365.
Ortolan, 287.
Osprey, American, 174.
Ostinops decumanus, 364.
Otocoris alpestris, 371, 373.
alpestris hoyti, 133.
alpestris leucolæma, 176, 356.

Otocoris alpestris merrilli, 176, 356.
alpestris **oaxacæ**, 54.
alpestris pallida, 127.
alpestris practicola, 371–374.
Outarde, 287.
Owen, Daniel E., notes on a captive Hermit Thrush, 1.
Owl, American Barn, 374–383.
American Long-eared, 174.
Burrowing, 174.
California Pygmy, 89.
Dusky Horned 89.
Flammulated, 403.
Great Gray, 100.
Great Horned, 318.
Kennicott's Screech, 49.
Marbled Screech, 89.
Pacific Horned, 119.
Screech, 33.
Short-eared, 388, 404.
Snowy. 89.
Western Horned, 174.
Oyster-catcher, 335.

PACHYRHAMPHUS cinereus, 365.
polycropterus cinereiventris, 365.
Pagophila, 313.
alba, 313.
Palmer, William, the Wood Ibis in Virginia and Maryland, 208; an addition to North American Petrels, 297–299; Bachman's Sparrow in Virginia, 322; the Sitkan Kinglet, 399–401; the Tree Swallow breeding in Virginia, 408.
Palmer, T. S., *Turdus lawrencii* Coues, 225; notice of his paper 'Extermination of Noxious Animals by Bounties,' 422.
Pandion haliaëtus carolinensis, 174, 353.
Papabot, 288.
Parra variabilis, 88, 119.
Partridge, Merriam's, 48.
Valley, 404.
Parus atricapillus, 99.
atricapillus occidentalis, 180.
bicolor, 98, 325.
cinctus alascensis, 132.
cinctus obtectus, 132.
gambeli, 180.
rufescens, 349.
Passer domesticus, 99, 107.
Passerculus, 93.
sanctorum, 92, 121.
Passerella iliaca stephensi, 122.
Passerina amœna, 178.
cyanea, 145.
Pearson, F. Gilbert, *Passer domesticus* at Archer, Fla., and other notes, 99; Brünnich's Murre (*Uria lomvia*) at Newberne, N. C., 202.
Pediocætes phasianellus columbianus, 173, 352.
Pelecanus erythrorhynchos, 171.
fuscus, 367.
Pelican, American White, 171.
Peter, Blue, 287.
Petrel, Knudson's, 297, 298.
Leach's, 297.
Socorro, 117.
Perisoreus canadensis capitalis, 356.
Petrochelidon lunifrons, 179.
Peucæa æstivalis bachmani, 219, 322.
carpalis, 328.
ruficeps **australis**, 63.
ruficeps **fusca**, 62.
Pewee, Western Wood, 176.
Phacellodomus inornatus, 365, 369.
Phaëthornis augusti, 366.
guyi, 366.
Phaëthusa magnirostris, 367.
Phainopepla, 319.
Phalacrocorax carbo, 316.
dilophus cincinatus, 350.
penicillatus, 316.
perspicillatus, 316.
Phalænopterus nuttallii, 175.
Phalarope, Northern, 172.
Phalaropus hyperboreus, 103.
lobatus, 103, 172, 351.
Pheasant, Golden, 247.
Ring-necked, 247.
Phelps, William Henry, birds observed on a collecting trip to Bermudez, Venezuela, with critical notes and descriptions of two new species, by Frank M. Chapman, 357–371.
Philohela minor, 288.
Phœbe, Say's, 176.
Phœnicothaupis rubicoides **affinis**, 66.
rubra, 364.
Pholidauges **femoralis**, 160.
Phylloscopus trochilus, 247.
Piaya cayana, 366.
Pica pica hudsonica, 177, 356.
Picoides arcticus, 354.
Picolaptes compressus **insignis**, 54.
Picumnus obsoletus, 366, 371.

Picus formicivorus, 120.
pubescens, 80, 81.
(Dendrocopus) medianus, 80, 120.
(Dendrocopus) meridionalis, 80.
Pied jaune, 288.
Pigeon, Passenger, 88.
Wood, 9, 12, 14.
Pinicola enucleator **californica**, 182.
Pipile pipile, 362.
Pipilo, 221.
erythrophthalmus, 276.
chlorurus, 129, 221.
clementæ, 294.
maculatus arcticus, 178.
Pipit, American, 180.
Tree, 335.
Pionus sordidus, 366.
Piranga ardens, 364.
erythromelas, 277.
hæmalea, 364.
ludoviciana, 178.
rubra, 406, 410.
Pitangus derbianus rufipennis, 365.
Planetis, 314.
Platypsaris affinis, 52.
aglaiæ, 52.
aglaiæ **sumichrasti**, 52.
Platyrhynchus mystaceus insularis, 362, 363.
Plectrophenax nivalis, 178.
Plongeur, 286.
Plover, American Golden, 289.
Belted Piping, 289.
Black-bellied, 213, 289.
Golden, 213, 228, 335.
Ringed, 335.
Semipalmated, 289.
Snowy, 289, 402, 411.
Wilson's, 289.
Podicipes auritus, 111.
Podilymbus podiceps, 350.
Pœcila cincta alascensis, 132.
Polioptila leucogastra, 363.
Poocætes gramineus confinis, 178.
Poor-will, 175.
Porzana carolina, 172, 287, 351.
jamaicensis, 287.
noveboracensis, 287.
Poule d'eau, 287.
d'eau de marais, 287.
Powers, Wm L., two new birds for Maine, 219.
Price, William W., description of a new Pine Grosbeak from California, 182–186.
Printempsnierre, 286.
Priocella, 315.
Priofinus, 315.
Prionops **vinaceigularis**, 162.
Procellaria gravis, 124.
Procellariidæ, 314.
Procellariinæ, 315.
Procnias tersa occidentalis, 364.
Proctor, Thomas, an unusual song of the Red-winged Blackbird, 319; disgorgement among song-birds, 412.
Progne subis, 407.
Pseudogryphus californianus, 89.
Psittacula guianensis, 366.
Ptarmigan, Evermann's, 119.
Townsend's, 118.
White-tailed, 173.
Willow, 411.
Publications received, 113, 248, 338, 426.
Puffininæ, 315.
Puffinus auduboni, 133.
borealis, 135.
fuliginosus, 315.
gavia, 124.
gravis, 124.
griseus, 135, 315.
kuhli, 135.
major, 124.
obscurus, 133.
opisthomelas, 124.
stricklandi, 135, 228, 315.
Purdy, James B., Henslow's Bunting (*Ammodramus henslowi*) found breeding at Plymouth, Michigan, 220; Henslow's Sparrow in Michigan — a correction, 406.
Pyrrhuloxia sinuata, 95, 129. 130.
sinuata beckhami, 95, 130.
sinuata texana, 95, 129.
Pyrrhuloxia, Arizona, 130.
Texas, 129.

QUERQUEDULA eatoni, 207.
Quiscalus lugubris, 364.

RAIL, Black, 287.
Clapper, 24, 287.
King, 287.
Louisiana Clapper, 287.
Sora, 172, 287.
Virginia, 172, 287.
Yellow, 287.
Rallus crepitans saturatus, 287.

Rallus elegans, 287.
longirostris crepitans, 287.
virginianus, 172, 287.
Ramphocelus jacapa magnirostris, 364.
Raven, American, 182.
Rawson, C. L., another Golden Eagle in Connecticut, 215.
Recurvirostra americana, 212, 288, 351.
Reed, J. Harris, breeding of the Rose-breasted Grosbeak at Beverly, New Jersey, 323; a novel idea of a Tufted Titmouse, 325; notes on the American Barn Owl in eastern Pennsylvania, 374–383.
Redhead, 286.
Redpoll, 177, 219.
Greater, 219.
Redshank, 211.
Redstart, American, 180.
Red-tail, Western, 173.
Redwing, 285.
Florida, 121.
Richmond's' 58.
Table-land, 57.
Regulus calendula, 180.
calendula grinnelli, 399.
satrapa olivascens, 180.
Reichenow, Anton, notice of Schallow's list of his writings, 248.
Rhamphocænus melanurus trinitatis, 362, 365.
Rhynchocyclus sulphurescens, 365.
Richmond, Charles W., descriptions of ten new species of birds discovered by Dr. W. L. Abbott in the Kilimanjaro region of East Africa, 154–164; the Western Field Sparrow (*Spizella pusilla arenacea*), 345–347; notice of paper by, on Madagascar birds, 417.
Ricker, Everett W., notice of his 'Notes on the Birds of Hull, Mass.,' 246.
Ridgway, Robert, *Melopelia leucoptera* in Osceola County, Florida, 88; note on *Junco annectens* Baird and *J. ridgwayi* Mearns, 94; correct nomenclature of the Texas Cardinal, 95; *Dendroica cærulea* vs. *Dendroica rara*, 97; notice of his 'Manual of North American Birds,' second edition, 232; description of the nests and eggs of Bachman's Warbler (*Helminthophila bachmani*), 309; an earlier name for *Ammodramus leconteii*, 320; on the status of *Lanius robustus* Baird as a North American bird, 323; notice of his 'Birds of the Galapagos Archipelago, 329;
Rissa tridactyla, 228, 247.
Rives, William C., a new bird for the Virginias, 88.
Roadrunner, 217.
Robin, 318, 325, 412.
Western, 319.
Tamaulipas, 75.
Western, 181.
Rood, Mrs. E. Irene (editor), notice of 'Papers presented to the World's Congress of Ornithology,' 108.
Rook, 9, 11, 12, 14.
Rough-leg, Ferruginous, 173.

SAGE, John H., Fourteenth Congress of the American Ornithologists' Union, 82–86;
Salpinctes obsoletus, 180.
neglectus, 70.
Saltator albicollis, 364.
olivascens, 364.
Sanderling, 109, 288.
Sandpiper, Baird's, 101, 199, 227.
Bartramian, 229, 288, 411.
Buff-breasted, 209, 288.
Green, 211.
Least, 172, 288.
Pectoral, 288.
Red-backed, 288.
Semipalmated, 288.
Solitary, 288.
Spotted, 204, 288.
Stilt, 88.
Western Solitary, 172.
Sapsucker, Red-breasted, 175.
Sarcelle, 286.
Sawbill, Sea, 285.
Saxicola œnanthe, 332.
Sayornis cineracea, 365.
saya, 176.
Scardafella squamosa, 359, 366.
Schalow, Herman, notice of his bibliography of the writings of Dr. Anton Reichenow, 248.
Scolecophagus cyanocephalus, 177.
Schistochlamys atra, 364.
Scolopax leucurus, 209.
major, 209.

Scolopax media, 209.
totanus, 212.
Scoter, American, 228.
Surf, 228.
White-winged, 172, 228.
Seiurus aurocapillus, 249.
noveboracensis notabilis, 247, 349.
Selasphorus platycercus, 91.
rufus, 175, 355.
Setophaga picta, 328.
ruticilla, 180, 349.
Sharpe, R. B., notice of his Catalogue of the Limicolæ, 102.
Shearwater, Sooty, 228, 315.
Sheldrake, Ruddy, 118.
Sheld-duck, 247.
Shoemaker, Frank H., peculiar nest of the Great Horned Owl, 318.
Shoveler, 247, 286.
Shrike, Northern, 179.
White-rumped, 179, 411.
Shufeldt, R. W., notes on the moult and certain plumage phases of *Piranga rubra*, 406.
Sialia arctica, 181.
mexicana, 349.
mexicana occidentalis, 181.
sialis azurea, 132.
Siptornis subcristata, 365, 370.
Siskin, Pine, 177.
Sitta canadensis, 180, 324.
carolinensis aculeata, 180.
pygmæa, 180, 349.
Sittasomus amazonus, 370.
chapadensis, 370.
erythacus, 370.
griseus, 370.
olivaceus, 370.
phelpsi, 365, 370.
sylvioides, 370.
Smew, 118.
Snipe, Greater, 209.
Wilson's, 172.
Robin, 288,
Sea, 288.
Yellow-leg, 288.
Snowflake, 178
Solitaire, Townsend's, 180.
Somateria dresseri, 303.
mollissima borealis, 303.
spectabilis, 202.
v-nigra, 303.
Sora, 172.
Sparrow, Acadian, 93.
Bachman's, 119, 322.
Baird's, 93, 178.
Sparrow, Bischoff's Song, 122.
Brewer's, 178.
Brown, 62.
Dakota Song Sparrow, 122.
Golden-crowned, 178.
Henslow's, 406,
House, 99.
Intermediate, 178.
Louisiana Seaside, 121.
Merrill's Song, 122.
Minatitlan, 61.
Rusty Song, 178.
San Benito, 121.
Seaside, 219, 320, 321, 322.
Sharp-tailed, 334.
Song, 204.
Southern, 63.
Stephens's, 122.
Western Chipping, 178.
Western Field, 345.
Western Lark, 178.
Western Vesper, 178.
White-throated, 221, 406.
Spatula clypeata, 247, 286, 350.
Speotyto cunicularia floridana, 134.
cunicularia hypogæa, 174.
cunicularia obscurus, 135.
floridana, 134.
Sphyrapicus ruber, 175.
varius nuchalis, 354.
Spinus cucullatus, 364.
pinus, 177, 320.
pinus **macropterus** 311.
psaltria columbianus, 364.
tristis, 177, 397.
tristis **salicamans**, 397.
Spiza americana, 95, 247.
Spizella arenacea, 345.
breweri, 178.
pusilla arenacea, 345.
socialis arizonæ, 178.
Spoonbill, 286.
Sporophila grisea, 364.
gutturalis, 364.
lineola trinitatis, 362.
minuta, 364.
Squatarola, 126.
squatarola, 126, 213, 228, 289, 351.
Squaw, Old, 228.
Squealer, 286.
Starling, 9, 13, 14.
Steatornis caripensis, 360, 366, 371.
Steganopus, 126.
tricolor, 126.
Stejneger, Leonhard, description of a new species of Guillemot from

the Kuril Islands, 200.
Stelgidopteryx serripennis, 408.
uropygialis, 364.
Stellula calliope, 355.
Sterna anæstheta, 314.
anæthetus, 314.
antillarum, 23, 386, 402.
cantiaca, 247.
caspia, 314.
dougalli 28, 204, 282, 383.
hirundo, 23, 28, 203, 282.
paradisæa, 205, 282, 384, 387.
tschegrava, 314.
Stilt, Black-necked, 288.
Stone, Witmer, on protection of birds in New Jersey and Pennsylvania, 23, 24; breeding of the Goshawk in Pennsylvania, 317; spring molt in *Spinus pinus*, 320; breeding of *Sitta canadensis* in Pennsylvania, 324.
Strix pratincola, 374.
Sturnella magna meridionalis, 364.
magna neglecta, 177.
Sturnus vulgaris, 9.
Sturtevant, Edward, the Seaside Sparrow (*Ammodramus maritimus*) at Middletown, R. I., 322.
Sublegatus glaber, 365.
Suchetet, André, notice of his 'Des Hybrides à l'état sauvage,' 424.
Sula gossi, 124.
nebouxii, 124.
Swallow, Bahaman, 221.
Bank, 179.
Barn, 95, 179.
Cliff, 179.
Rough-winged, 408.
Tree, 179, 408.
Violet-green, 179.
Swan, Trumpeter, 181, 287.
Whistling, 287.
Swift, Black, 175.
Chimney, 217.
Vaux's, 175.
White-throated, 175.
Sylvania, 223.
canadensis, 247.
mitrata, 327.
pusilla pileolata, 180.
Sylvia cærulea, 131.
rara, 97, 131.
rubricapilla, 131.
ruficapilla, 131.
Symphemia semipalmata, 288.
semipalmata inornata, 103.
Synallaxis albescens, 365.
Syrnium occidentale, 328.

TACHYCINETA bicolor, 179, 408.
thalassina, 179.
Tachyphonus luctuosus, 364.
rufus, 364.
Tadorna cornuta 247.
Tanager, Louisiana, 178.
Scarlet, 277.
Summer, 406, 410.
Oaxaca, 66.
Tanagra cana sclateri, 364.
cyanocephala subcinerea, 364.
Tantalus loculator, 208.
Tatler, White-tailed, 211.
Teal, Blue-winged, 286.
Cinnamon, 171.
Green-winged, 171, 286.
Tegetmeier, W. B., notice of his 'Pheasants,' etc., 246.
Telmatodytes palustris, 189, 193
palustris paludicola, 189, 194.
Tern, Arctic, 282, 384.
Black, 327, 411.
Common, 23, 28, 282.
Least, 23, 386, 402.
Roseate, 28, 204, 282, 284, 383.
Sandwich, 247.
Sooty, 314.
Wilson's, 203, 284, 384.
Terns, protection of, on Muskeget and Penikese Islands, Mass., 21, 22; at Great Gull Island, N. Y., 22, 28; on the coast of New Jersey, 23; of Penikese Island, 278–284, 313, 402; of Muskeget Island, Mass., 383–390.
Thalurania refulgens, 366.
Thamnophilus cirrhatus, 365, 370.
doliatus, 365.
major albicristatus, 365, 370.
Thompson, Ernest Seton, notice of his 'Art Anatomy of Animals,' 106; directive coloration of birds, 395, 396.
Thorne, Platte M., obituary of, 254.
Thrasher, Desert, 167.
Thrush, Dwarf Hermit, 181.
Hermit, 1, 102, 325.
Russet-backed, 181.
Table-land, 75.
Varied, 181.
Wilson's, 102.
Wood, 412.
Thryophilus rufalbus castanotus, 367.

Thryophilus rufalbus cumanensis, 363, 367.
Thryothorus bairdi, 409, 410.
bewickii bairdi, 131, 410.
bewickii leucogaster, 131, 409, 410.
bewickii murinus, 410.
bewickii spilurus, 167.
cerroensis, 166.
leucophrys, 167.
ludovicianus, 97, 224.
murinus, 410.
rutilus, 363.
Tit, Long-tailed, 335.
Titmouse, Tufted, 98, 325.
Tityra cayana, 365.
Totanus calidris, 211.
flavipes, 288.
melanoleucus, 181, 213, 288, 351.
ochropus, 211.
solitarius, 288, 351.
solitarius cinnamomeus, 103, 172.
totanus, 212.
Towhee, 276.
Arctic, 178.
San Clemente, 294.
Tree-Duck, Black-bellied, 286.
Fulvous, 286.
Tringa alpina americana, 133.
alpina pacifica, 133, 288.
americana, 103, 133.
bairdii, 199, 227.
canutus, 197, 199, 288, 411.
couesi, 103, 133.
fuscicollis, 133.
hyperborea, 103.
hypoleucos, 133.
lobatus, 103.
maculata, 210, 288, 351.
minutilla, 172, 288, 351.
ptilocnemis, 103.
squatarola, 126.
Tringoides, 133.
Trochilus alexandri, 175, 355.
Troglodytes aëdon aztecus, 180.
arundinaceus, 189.
cumanensis, 367.
hiemalis pacificus, 180.
leucogaster, 131, 409, 410.
palustris, 188, 193.
rufulus, 363.
Trowbridge, C. C., the occurrence of *Tryngites subruficollis* in the New England States, 209.
Tryngites subruficollis, 209, 288.
Turdus aonalaschkæ, 181.
aonalaschkæ pallasi, 1, 102, 325.
fuscescens, 102.
lawrencii, 22[illegible].
lividus, 97.
nævius, 349.
ustulatus, 181.
Turkey, Mexican, 272.
Ocellated, 333.
Wild, 272.
Turnstone, 289.
Tyrannula mexicana, 92.
Tyrannus melancholicus satrapa, 365.
tyrannus, 176, 355.
verticalis, 176, 355.

ULULA cinerea, 100.
Uria, 312.
lomvia, 100, 197, 202, 203, 226, 228, 312, 410.
troile, 198.
Urinator, 312.
imber, 171, 350.
Uropsila leucogastra, 409.

VENTRE noir, 288, 289.
rouge, 288.
Verdins, 390–394.
Verrill, A. E., Golden Eagle (*Aquila chrysaëtos*) taken near New Haven, Conn., 89.
Vireo chivi agilis, 364.
flavoviridis, 323.
gilvus, 179.
olivaceus, 323.
philadelphicus, 259–272.
solitarius cassini, 179.
Vireo, Cassin's, 179.
Philadelphia, 259–272.
Warbling, 179.
Yellow-green, 323.
Vive-vire, 288.
Volatinia jacarina splendens, 364.
Vulture, California, 89.
Turkey, 173, 227.

WARBLER, Alaskan Yellow, 76, 123.
Audubon's, 179.
Bachman's, 305–310.
Black-and-White, 294, 326.
Black-throated Gray, 182.
Cairns's, 96, 123.

Warbler, Calaveras, 182.
Cerulean, 97, 326.
Connecticut, 222.
Hermit, 197.
Hooded, 327.
Lutescent, 179.
Macgillivray's, 179.
Myrtle, 326.
Northern Parula, 123.
Parula, 289–294.
Pileolated, 180.
Pine, 229.
Worm-eating, 100.
Yellow, 179.
Yellow-bellied, 67.
Water-hen, 247.
Waxwing, Bohemian, 179, 199.
Cedar, 179.
Wayne, Arthur T., a remarkable nest of the Tufted Titmouse (*Parus bicolor*), 98.
Wheatear, 332.
Whip-poor-will, Ridgway's 50.
Whitehill, Walton I., peculiar nesting of the Maryland Yellow-throat, 408.
Whitlock, F. B., notice of his 'The Migration of Birds: A Consideration of Herr Gätke's Views,' 422.
Whittaker, William L., Brünnich's Murre and King Eider at Cape Charles, Virginia, 202.
Wicks, M. L., Jr., nesting of the Short-eared Owl in southern California, 404; partnership nesting of Valley Partridge and Long-tailed Chat, 404.
Widgeon, 285.
Widmann, O., the summer home of Bachman's Warbler no longer unknown, 305-309.
Wilde, Mark L. C., nesting of the Parula Warbler (*Compsothlypis americana*) in Cape May County, New Jersey, 289–294.
Willett, 288.
Wilsonia, 224.
Winge, Herluf, notice of his reports on the migration of Danish birds, 415.
Wintle, Ernest D., notice of his 'Birds of Montreal,' 112.
Wood, Norman A., Swainson's Hawk in Michigan, 216.
Woodcock, 335.
American, 288.
Woodgrouse, Gray-breasted, 44.
Woodgrouse, Guerrero, 44.
Oaxaca, 43.
Woodhewer, Broadly Striped, 54.
Woodpecker, Ant-eating, 120.
Batchelder's, 174.
Chiapas, 50.
Downy, 120.
Harris's, 174.
Lewis's, 175.
Nelson's Downy, 120.
Pileated, 175.
White-headed, 174.
Woodruff, Frank M., Lake Michigan bird notes, 227.
Wren, Baird's, 409.
Black-tailed, 70.
Carolina, 97, 224.
Cerros Island, 166.
Chancol Rock, 70.
Colima, 69.
Gray-crowned, 74.
Guerrero, 69.
Marsh, 186.
Mexican Wood, 73.
Mountain, 68.
Pacific, 72.
Rock, 180.
Western House, 180.
Western Winter, 180.
Willow, 247.
Wright, Mabel Osgood, and Coues, Elliott, notice of their work 'Citizen Bird,' 413.

XANTHURA cæruleocephala, 364.
Xenopicus albolarvatus, 174, 354.
Xiphorhynchus venezuelensis, 365.

YELLOW-LEGS, 288.
Greater, 213, 288.
Smaller, 213.
Yellow-throat, Maryland, 408.
Young, R. T., errata, 102.

ZAMELODIA, 39–42, 130.
ludoviciana, 41, 130.
melanocephala, 41, 130.
Zan-zan, 285.
Zenaidura macroura, 173, 228, 352.
Zonotrichia albicollis, 221, 406.
coronata, 178.
leucophrys intermedia, 178.
pileata, 361, 364.

ERRATA.

Page 317, line 3, for Chas. U. Holden read Chas. N. Holden.
" " " 6, " Altie read Attie.
" 324 " 37, " Mr. Otto Herman Behr read Messrs. Otto and Herman Behr.
Page 326 line 6, for WITMER STONE read H. W. FOWLER.
For additional Errata see *antea*, p. 258.